

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MARKUS MANZ	04/16/2014
RECEIVING PARTY DATA		
Name:	INSTITUTE FOR RESEARCH IN BIOMEDICINE (IRB)	
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State/Country:	SWITZERLAND	
Postal Code:	CH-6501	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	PCT Number:	US2013058448
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ATTORNEY DOCKET NUMBER:	REGN-014WO	
NAME OF SUBMITTER:	MICHAEL B. RUBIN	
SIGNATURE:	/Michael B. Rubin, Reg. No.61,231/	
DATE SIGNED:	07/28/2014	
Total Attachments: 2		
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source=601589 Assignment_Markus_Manz_executed#page2.tif		

ASSIGNMENT

WHEREAS, I, Markus Manz, a citizen of Germany, having a mailing address of Stettbachstrasse 9, 8702 Zollikon, Switzerland; hereinafter generally referred to as "ASSIGNOR," have invented a certain new and useful

GENETICALLY MODIFIED NON-HUMAN ANIMALS AND METHODS OF USE THEREOF

for which I have executed a PCT International Patent Application, Application No. PCT/US13/58448, filed September 6, 2013, based on U.S. Provisional Patent Application Nos. 61/698,002, filed September 7, 2012 and 61/775,171, filed March 8, 2013.

WHEREAS, INSTITUTE FOR RESEARCH IN BIOMEDICINE (IRB), a corporation having a place of business at Via Vincenzo Vela 6, CH-6501 Bellinzona, Switzerland, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said patent application.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged and intending to be legally bound hereby, I, the undersigned ASSIGNOR, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR had this assignment and sale not been made; and for the aforesaid consideration ASSIGNOR hereby covenants, agrees and undertakes to execute, whenever requested by the above-named

ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which
ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for
ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further
compensation to the undersigned ASSIGNOR.

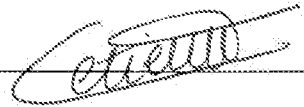
April 16, 2014
Date



Markus Manz

Prof. Dr. med. Markus G. Manz
Klinikdirektor Hämatologie
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(Seal)

April 16, 2014
Date



Witness

Karolye LETIEMBRE